

Abstract

Portable automatic video device tester including a programmable video generator and analyzer, a signal conditioner/switching device, a command module, a portable computer (laptop) with an integral monitor and a portable VXI chassis for housing the video generator and analyzer, the signal conditioner/switching device and the command module. The programmable video generator and analyzer is connected to one or more video devices being tested and includes a generating mechanism for generating various forms of video test signals. The signal conditioner/switching device is also arranged in connection with the chassis and adapted to be connected to one or more of the video devices being tested. The computer communicates with the video generator and analyzer and the signal conditioner/switching device via the command module in order to conduct test operations and enable display of test results on the monitor.